

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	395	"1" and (exponent and (public key or pk) and (private key or secret key or sk) and (signature near verifi\$6))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 12:47
L2	9529	(380/28 or 380/29 or 380/30 or 380/44 or 380/46 or 380/47) or (713/180 or 713/181 or 713/176)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 12:47
L3	147	L2 and (exponent and (public key or pk) and (private key or secret key or sk) and (signature near verifi\$6))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 13:18
L4	11	L2 and (verifi\$6 near (signature) and (exponent near (value or interval or limit or class or group)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 13:31
L5	260	L2 and signature and (threshold near value or exponent near interval)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 13:36
L6	99	5 and (public key or pk) and (private key or secret key or sk)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 13:33
L7	2	L2 and signature and (threshold near exponent or exponent near interval)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 13:36
S1	0	("CAMENISH, JAN" or "KOPROWSKI, MACIEJ A.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 07:19
S2	303417	(international business machine corporation or ibm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 07:20
S3	327	S2 and (cryptographic keys and random number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 07:21

## EAST Search History

S4	1	S3 and ((secret key or sk) near prime)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 07:29
S5	0	S3 and ((secret key or sk) exponent near interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 07:29
S6	55	S3 and ((secret key or sk) and exponent )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 10:06
S7	2409	380/28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 10:07
S8	9498	(380/28 or 380/29 or 380/30 or 380/44 or 380/46 or 380/47) or (713/180 or 713/181 or 713/176)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 13:20
S9	132	S8 and ((random secret key or sk)and (public key or pk) and signature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:58
S10	134	S8 and ((random secret key or sk)and (generat\$3 near (public key or pk) same exponent or root or prime or interval))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 10:44

## EAST Search History

S11	0	S10 and (exponent interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 10:43
S12	38	S10 not S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/02 10:44
S13	24	("4879747"   "4944007"   "4944009"   "4995081"   "5276737"   "5315658").PN. OR ("5647000"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:23
S14	0	S8 and ((public key) same exponent same (random secret key) same prime )	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:26
S15	2	S8 and ((public key) and exponent and (random secret key) and prime )	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:46
S16	0	S8 and ((generat\$3 near public key) and (random secret key and prime and exponent) and (interval or range or class or group) near (element or number))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:50
S17	0	S8 and ((generat\$3 near public key) and (random secret key and prime and exponent) with (interval or range or class or group) near (element or number))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:50
S18	0	S8 and (( public key) with (random secret key and prime and exponent) with (interval or range or class or group) near (element or number))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 13:51
S19	1	S8 and (( public key) with ( prime and exponent) with (interval or range or class or group) near (element or number))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:08
S20	0	S8 and ((exponent value) near (interval or group or class or range))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:10
S21	36	S8 and (exponent value)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:25

## EAST Search History

S22	0	S8 and (((generat\$3 or deriv\$3 or provid\$3) near (public key or pk)) and ((secret key or sk )near prime))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 14:29
S23	10	S8 and ((public key or pk) and ((secret key or sk )near prime))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/02 15:12
S24	72	S8 and ((verificat\$3 or verif\$3) with(certificate or signature or fingerprint or watermark) with (public key encrypt\$3 or public key or pk or SHA or RSA) with (random or random secret ))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 08:30
S25	9504	(380/28 or 380/29 or 380/30 or 380/44 or 380/46 or 380/47) or (713/180 or 713/181 or 713/176)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/03 08:30
S26	142	S25 and (public key and composite number)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 10:12
S27	180	S25 and ((random secret key or sk or private key or pk) and (prime or prime factor) and (signature and exponent) and (root or power))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 09:19
S28	146	S27 not S26	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 10:16
S29	56	("4200770"   "4424414"   "4567600"   "5010573"   "5054066").PN. OR ("5159632").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 13:58
S30	5	"6341349"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 14:14
S31	1822	S25 and ((public key or pk ) and (private key or pk or random secret key or secret key or sk) and ((random or composite or prime) with number))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 14:18
S32	1537	S31 and (range or limit or interval or class or group)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 14:19
S33	0	S32 and (random near (secret key or private key) with prime)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 14:21

## EAST Search History

S34	227	S32 and ((secret key or private key) with prime)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 14:21
S35	80	S34 and ((public key or pk) with( secret key or sk or private key or pk) with (interval or range or value or group or class or limit))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 14:24
S36	40	S35 not (S29 or S28 or S26)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 16:07
S37	21	public key and random secret key and interval	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 16:10
S38	1	"20050018852"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/03 16:11
S39	9504	(380/28 or 380/29 or 380/30 or 380/44 or 380/46 or 380/47) or (713/180 or 713/181 or 713/176)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 13:30
S40	10	S39 and ( (secret key or sk or private key or pk or "secret random key") and (public key or pk) and (exponent near (interval or range or limit or group or class)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 13:58
S41	5	"6125445"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 13:58
S42	9504	(380/28 or 380/29 or 380/30 or 380/44 or 380/46 or 380/47) or (713/180 or 713/181 or 713/176)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/04 14:09
S43	180	S42 and ((random secret key or sk or private key or pk) and (prime or prime factor) and (signature and exponent) and (root or power))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/04 16:23

## EAST Search History

S44	173	S39 and signature and prime factor and public key	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/04 16:24
S45	98	S44 and exponent	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/04 17:47
S46	54	S45 and ("th root" or root)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/04 17:48
S47	9529	(380/28 or 380/29 or 380/30 or 380/44 or 380/46 or 380/47) or (713/180 or 713/181 or 713/176)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:58
S48	0	S47 and ((random secret key or sk)and (public key or pk) and signature) and "treshold value"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:58
S49	0	S47 and ((random secret key or sk)and (public key or pk) and signature) and "treshold value"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:59
S50	2681	S47 and (public key or pk ) and (private key or secret key or sk) and (signature or signature near verifi\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 09:02
S51	1026	S47 and (public key or pk ) and (private key or secret key or sk) and (signature near verifi\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 09:02
S52	25	S47 and (public key or pk ) and (private key or secret key or sk) and (signature near verifi\$6) and ((interval or limit or treshold ) near value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 09:03

## EAST Search History

S53	9529	(380/28 or 380/29 or 380/30 or 380/44 or 380/46 or 380/47) or (713/180 or 713/181 or 713/176)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 09:19
S54	10	S53 and ((random secret key or sk or private key or pk) and (prime or prime factor) and (signature and exponent) and (root or power)) and "threshold value"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 12:41